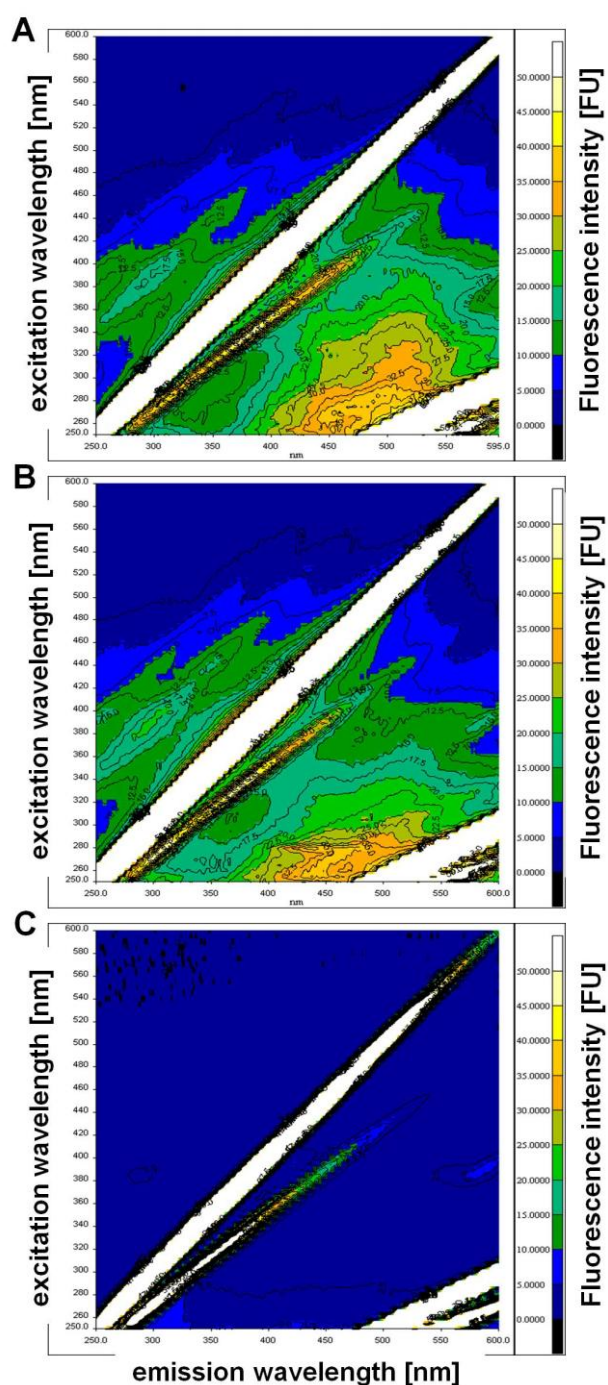
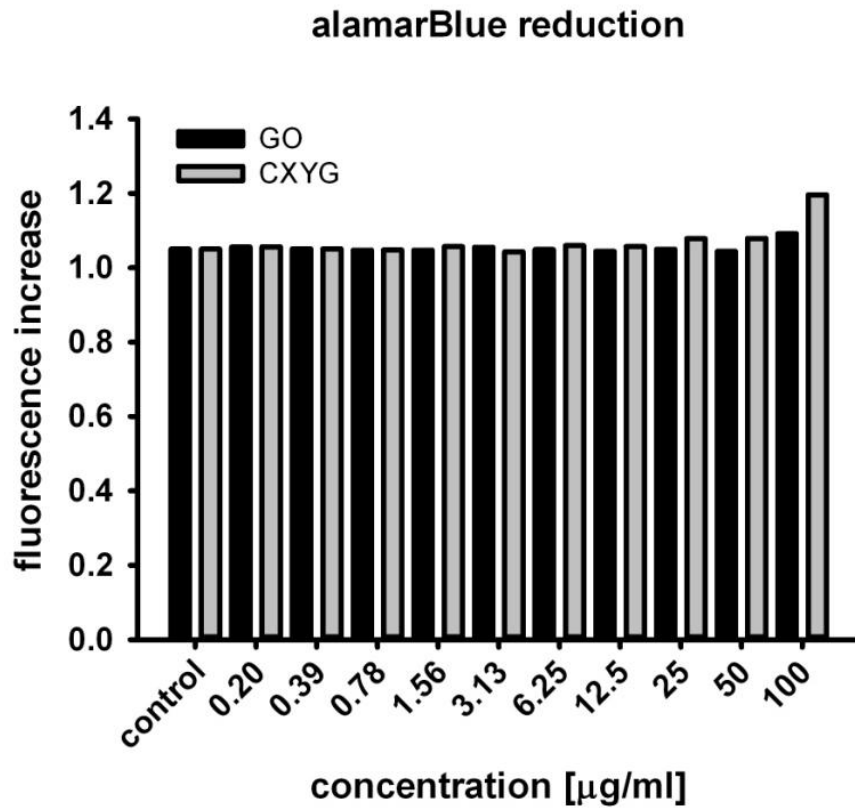


## Additional file 3



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**Figure 1: Three-dimensional (3D) fluorescence spectra of GO and CXYG stock suspensions. A)** 3D fluorescence spectrum of a 10  $\mu\text{g/ml}$  GO/Milli-Q water dispersion B) 3D fluorescence spectrum of a 10  $\mu\text{g/ml}$  CXYG/Milli-Q water dispersions. C) 3D fluorescence spectrum of Milli-Q water (blank).



**Figure 2: Redox-reaction of alamarBlue with GO and CXYG in absence of cells.** AlamarBlue dissolved in phenol red-free medium without FBS was incubated with increasing concentrations of GO and CXYG (0.2 – 100 µg/ml) at 37 °C for 30 min. No reduction of alamarBlue was observed.